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## ABSTRACT

In this application is the expression and purification of a recombinant  $Plasmodium\ falciparum\ (3D7)\ MSP-1_{42}$ . The method of the present invention produces a highly purified protein which retains folding and disulfide bridging of the native molecule. The recombinant  $MSP-1_{42}$  is useful as a diagnostic reagent, for use in antibody production, and as a vaccine.